

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

Docket No. 60091-00242

SQUIRE, SANDERS &amp; DEMPSEY L.L.P.

**Declaration For U.S. Patent Application**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

(Insert Title) Communication method and arrangement

the specification of which is attached hereto unless the following box is checked:

☒ was filed on \_\_\_\_\_ As PCT International Application  
Number \_\_\_\_\_ and was amended on \_\_\_\_\_  
And/or was filed on 15 October 2003 As United States Application  
Number 10/684,825 and was amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International Application having a filing date before that of the application(s) for which priority is claimed:

(List prior foreign applications)	(Number)	(Country)	(Day/Month/Year Filed)	Priority Claimed
	<u>20031176</u>	<u>Finland</u>	<u>21 August 2003</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
	_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

_____	_____
(Application Number)	(Filing Date)
_____	_____
(Application Number)	(Filing Date)

☐ See attached list for additional prior foreign or provisional applications.

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s) or 365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) (U.S. or PCT) in the manner provided by the first paragraph of 35, U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(List prior U.S. Applications or PCT International applications designating the U.S.)	(Application Serial No.)	(Filing Date)	(Status) (passed, pending, abandoned)
	_____	_____	_____
	_____	_____	_____

And I hereby appoint the firm of Squire, Sanders &amp; Dempsey, Customer Number 32294 including as principal attorneys: Douglas H. Goldhush, Reg. No. 33,125; Kevin F. Turner, Reg. No. 43,437; Dinnatia J. Doster, Reg. No. 45,268; Sam Huang, Reg. No. 48,430; Rhonda L. Barton, Reg. No. 47,271; Marc A. Sockol, Reg. No. 40,823; Vidya R. Bhakar, Reg. No. 42,323; Daryl C. Josephson, Reg. No. 37,365; Cameron Kerrigan, Reg. No. 44,826; David B. Abel, Reg. No. 32,394; Nathan Lane, Reg. No. 43,738; Lorinda Howland, Reg. No. 42,671; Michael Lechter, Reg. No. 27,350; David Koo, Reg. No. 46,839; David Rogers, Reg. No. 38,287; William Bachand, Reg. No. 34,980; Aaron Wininger, Reg. No. 45,229; Paul A. Durdik, Reg. No. 37,819; Paul J. Meyer P47,791; David A. Levine, Reg. No. 48,821; Victor Repkin, Reg. No. 45,039; Victoria L. Nicholson, Reg. No. 47,823; and Fariba Surjani, Reg. No. P47,947.

Please direct all communications to the following address:

**32294**

PATENT TRADEMARK OFFICE

Customer No. 32294  
SQUIRE, SANDERS & DEMPSEY L.L.P.  
8000 Towers Crescent Drive, 14<sup>th</sup> Floor  
Tysons Corner, Virginia 22182-2700  
Telephone No. (703) 720-7800; Facsimile No. (703) 720-7802

The undersigned hereby authorizes the U.S. attorneys named herein to accept and follow instructions from the undersigned's assignee, if any, and/or, if the undersigned is not a resident of the United States, the undersigned's domestic attorney, patent attorney or patent agent, as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorneys named herein will be so notified by the undersigned.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Esa TIROLA  
Inventor's signature *Esa Tirola* 8.12.2003  
Residence Oulu, Finland Date  
Citizenship Finnish  
Post Office Address Rensselikuja 5 N 19, FIN- 90630 Oulu, Finland

Full name of second inventor Kari PAJUKOSKI  
Inventor's signature *Kari Pajukoski* 8.12.2003  
Residence Oulu, Finland Date  
Citizenship Finnish  
Post Office Address Purantie 3, FIN- 90240 Oulu, Finland

Full name of third inventor \_\_\_\_\_  
Inventor's signature \_\_\_\_\_ Date  
Residence \_\_\_\_\_  
Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full name of fourth inventor \_\_\_\_\_  
Inventor's signature \_\_\_\_\_ Date  
Residence \_\_\_\_\_  
Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full name of fifth inventor \_\_\_\_\_  
Inventor's signature \_\_\_\_\_ Date  
Residence \_\_\_\_\_  
Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full name of sixth inventor \_\_\_\_\_  
Inventor's signature \_\_\_\_\_ Date  
Residence \_\_\_\_\_  
Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full name of seventh inventor \_\_\_\_\_  
Inventor's signature \_\_\_\_\_ Date  
Residence \_\_\_\_\_  
Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_



Form PTO-1595  
RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. Department of Commerce  
Patents & Trademark Office

Attorney Docket No. 60091.00242  
Date: December 22, 2003

**MAILSTOP ASSIGNMENT**

To the Commissioner of Patents  
Please record the attached original documents or copy thereof

**1. Name of conveying party(ies)**

1. Esa TIIROLA and 2. Kari PAJUKOSKI  
Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

**2. Name and address of receiving party(ies):**

Name: Nokia Corporation

Address: Keilalahdentie 4  
FIN-02150 Espoo  
Finland

Additional name(s) & address(es) attached?

☐ Yes ☒ No

**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: December 8, 2003

**4. Application number(s) or patent number(s):**

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)  
10/684,825

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address of party to whom correspondence concerning document should be mailed:**

Name: Squire Sanders & Dempsey L.L.P.

Street Address: 8000 Towers Crescent Drive, 14<sup>th</sup> Floor

Tysons Corner, Virginia 22182-2700

**6. Total number of applications and patents involved:**  
One

7. Total fee (37 CFR 3.41)..... \$ 40.00

☒ Included in attached Check No. 010852.

☒ Any additional fees are authorized to be charged to deposit account

8. Counsel's Deposit account number: 50-2222  
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

**9. Statement and signature.**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

**SIGNATURE ON ORIGINAL**

Dinnatia J. Doster

Name of Person Signing  
Reg. No. 45,268

\_\_\_\_\_  
Signature

December 22, 2003  
Date

Total number of pages including cover sheet, attachments, and document: 2

SQUIRE, SANDERS & DEMPSEY L.L.P.

Docket No. 60091-00242

## U.S. ASSIGNMENT

For good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

[Insert  
ASSIGNEE's  
Name(s)  
Address(es)]

NOKIA CORPORATION

Keilalahdentie 4

FIN-02150 Espoo

Finland

(hereinafter ASSIGNEE), the receipt and sufficiency of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

[Title of  
Invention]

Communication method and arrangement

[\*If the assignment  
is being filed  
after the filing of the  
application, this  
section must be  
completed]

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\*filed on 15 October 2003, Serial No. 10/684,825

(Squire, Sanders & Dempsey L.L.P. is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

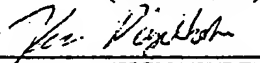
IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s)  
of Assignor(s)]

  
(SIGNATURE)

Esa Tiirola  
(TYPE NAME)

8.12.2003  
(DATE)

  
(SIGNATURE)

Kari Pajukoski  
(TYPE NAME)

8.12.2003  
(DATE)

(SIGNATURE)

(TYPE NAME)

(DATE)

(SIGNATURE)

(TYPE NAME)

(DATE)

(SIGNATURE)

(TYPE NAME)

(DATE)

NO LEGALIZATION REQUIRED